

ABSTRACT OF THE DISCLOSURE

5 An automatic blood analysis and identification system permits
patient identification and other vital information, such as blood type and Rh
factor, to be automatically printed directly on a container holding a bodily fluid
sample almost immediately after the sample has been drawn and analyzed.
There is no manual handling of the sample between the draw and the
identification. The system includes a carrier unit for holding at least one clear
sample container, and a printer disposed within the unit for printing
10 information onto the sample container. A photo-analyzer analyzes a bodily
fluid sample within the sample container, and sends information to the printer
which prints the information onto the sample container. The system may also
be configured to utilize radio frequency identification (RFID) technology to
imprint electronic data bearing the information onto a microchip implanted
15 within the sample container.